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# The DX Bulletin

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ISSUE 88 MAY 2, 1981

PROPAGATION: May 1, High Normal; May 2, Above Normal; May 3-6, High Normal; May 7, High/Low Normal; May 8, Below Normal; May 9, 10, Disturbed; May 11, Low/Below Normal; May 12-15, High/Low Normal; May 16, Low/Below Normal; May 17, Below Normal/Disturbed. TNX N4XX.

## WHERE HAVE THE BANDS GONE?

YUK. We've always said the first few weeks of spring can be the most interesting propagation times of the year, and 1981 is turning out to be no exception. If you consider white noise interesting.

First an aurora and then a major solar flare occurrence have wiped out two of the past four weekends, as well as some days between. As N4XX's day-by-day forecasts above show, the outlook isn't much better in the next few weeks, barring a miracle.

David Meisel, new editor of Mail-A-Prop, states in his latest issue that the 27-day recurrence in solar-geophysical data used by forecasters has "virtually disappeared." Dave says that this lack of repeatability is, according to some recent theories, to be expected at this point of the sunspot cycle, but he observes that it is of little help to suffering observers of radio conditions. He indicates that over the next month conditions will be High Normal at best, some days, with many days rotten.

Here at TDXB, we depend on Dr. Ted Cohen, N4XX, who provides day-to-day forecasts with unfailing regularity. Ted, in turn, gets his basic flux and other solar index information from Lee Wical, KH6BZF, who is mostly about two days ahead of Ted's U.S. government-provided information. And Mail-A-Prop fills us in in other ways, including band-by-band predictions.

Poor band conditions can, however, be like banging your head against a wall...it is so much better when they stop.

TDXB HOTLINE: 203-871-6251

Please return your countries needed survey sheet, and do it as soon as possible. TNX!

## CALIFORNIA DXCC SCANDAL BREWING

TDXB has learned that several West Coast DXers are involved in a fake QSL operation; one W6 DXCC member has already been disqualified from DXCC for five years, and several more actions are expected in coming weeks.

A California DXer, not a DXCC member, has been printing copies of certain rare DX QSLs and distributing them to friends and acquaintances, filled out to confirm contacts which had in some cases been made and which in others had not. It is possible that some DXers have been or will be duped into using the cards without even knowing they are bogus. ARRL's DXCC manager W3AZD advises all DXCC participants to be particularly careful in checking incoming QSLs against their logs for date, time, etc.

ARRL assures DXers that the integrity of DXCC will be maintained; turn-around time for DXCC applications may be lengthened in the immediate future, as checking of cards in Newington will be even more thorough than usual.

Callsigns of amateurs involved are being withheld for the time being.

## MORE FCC NEWS

And this time it is good news! Some have questioned our report in Issue 86 regarding FCC internal memos discussing an "Experimenter" class license, and the additional expected dropping of the 20 wpm code test for the Extra class license. We speculated that the FCC discussions were caused by fears of loss of funding at the hands of the new administration.

The latest FCC news to break, in the 8 April issue of the Federal Register, supports this assumption that deregulation is going to be the watchword for some time to come. Senator Barry Goldwater, K7UGA, has submitted a bill in the U.S. Senate to amend the Communications Act of 1934. While many bills are submitted simply to keep (cont'd)

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(FCC cont'd)

various constituencies happy, this particular bill is co-sponsored by virtually all the members of the Senate subcommittee on Communications matters. Thus, it already has the necessary support to get "out of committee" and already has strong backing. The bill's number is S929.

Sen. Goldwater's introduction to the bill concentrates on amateur radio's long history of being "the most self-regulated radio service in the United States." Such words are music to most of Washington's ears these days.

The first, and possibly most important part of the bill deals with the increasing problems of unlicensed persons interfering with both hams and cbers. The bill would "permit the FCC to prohibit delivery of radio transmitters or amplifiers to any person unless that person first exhibits a valid license, thus establishing that such person is authorized to use that equipment legally." (This following on the heels of FCC's recent decision to make the 10-Meter amplifier ban "permanent").

Next, the bill seeks to greatly strengthen RFI protection in consumer electronic devices of all kinds, by giving FCC authority to "establish minimum performance standards for audio and visual electronic equipment to reduce their susceptibility to interference from radio frequency energy."

Also, the bill would cancel the secrecy provisions of section 605 of the Communications Act, allowing amateurs to participate in the monitoring, logging, and tracking of illegal stations within their bands. It is suggested that FCC could step in at this point for the kill, after hams had done the groundwork. Obviously, deleting the secrecy clause would allow hams to do legally what some have been doing anyway for years.

Finally, the bill would extend the amateur license term from five to ten years; this is perhaps the greatest cost-cutting measure in the entire bill.

There are no immediate plans for hearings on this bill in the Senate, but FCC is preparing nonetheless. Sources indicate FCC interest in the bill is centered on resource impact, i.e., personnel and equipment needs if the bill passes; little FCC objection to this deregulation of the amateur radio service is expected.

Not only are the matters dealt with in S929 of interest to DXers in particular, they are also all items we have considered in past issues of TDXB. We are lucky to have a ham on the Communications Subcommittee!

ADØS, KB7NW, and W6HTH have now completed their Pacific operations with Palmyra, which followed Kingman. KB7NW's boat, the Banyandah, will be refitted in Hawaii in preparation for the second leg of the operations (by another group of operators). The second leg will, it is hoped, include Mellish Reef.

ZL1AMO has indeed been on from the Solomons, signing H44RW on 80-10 Meters; he may still be there when you get this, the operation slated to last through 2 May.

ON5NT has a couple of days left to operate from Benin as TYAll, using N4NX's call. His operating has been erratic, and he seems to work Europe at the times when the bands are open best to North America. Look especially on the low ends of the CW bands.

Mike, KA2AA, and Ken, KA2AK, who operated last month from Minami Torishima, will be there again in early July, and they promise advance word for that operation. They will be concentrating on 40 and 80 Meters, even though that is not exactly the best time of year for those bands. QSL info was in TDXB 87, and Mike and Ken say cards are already going in the mail.

Erik Sjolund, SMØAGD, recently of the Guinea Bissau J5AG operation, had high hopes of attending the Visalia DX Convention this weekend, but he has been laid low by a knee problem and has a month of recuperating ahead. Comments received at TDXB indicated most felt the level of operating at J5AG was top-notch, an opinion borne out by the following statistics provided by Erik:

CONTINENT	QSOs	%
North America	11254	55
Europe	5479	26
Asia	2383	11
Other	1326	8
	20442	

They made 10343 contacts on CW, 10099 on SSB, and by band:

80	40	20	15	10
1037	1145	6033	6665	5561

Operators SM3CXS, SMØAGD, SM3DVN, and SM3RL arrived April 2 via airplane from Guinea, piloted by C5ADX; they were delayed two days in the Gambia by sandstorms. Their nine days of operating were hampered by only having electricity 14 hours a day; during off periods they used car batteries for the IC-701 rigs.

Hillar Lóor, a resident, is now licensed as J5HTL, and he assisted the Swedes in their operation. Hillar will be active f1 G-B for about a year, on 10 and 15 SSB only.

BANDPASS: Call/Freq./UTC (plus West, Central, East Coast report)/Date

<b>Low Bands</b>	HSLAS/7002/00E/23	AH6CH/	ZD7QE/3520/08W/20
A4XIH/7006/01E/18	H44RW/3509/10C/23	KH3/7183/09C/21	ZD8RH/7001/23E/19
FC9UC/7006/02C/22	H44RW/7008/11C/21	TYA11/7004/06C/22	ZS3KC/7083/05C/19
FK8CC/7014/06W/20	N4ADJ/	VU2TS/7002/00E/18	9K2DR/7005/02E/23
F08FO/7052/06W/20	KH2/7004/08W/21	YB9ADE/7008/08W/20	
<b>Africa</b>	FR7AI/G/21286/18E/21	ZD7BW/21310/02E/21	DJ6SI/
A22PH/28620/19E/23	J28CL/14022/13C/18	ZD7BW/21292/00C/22	6W8/14024/00E/24
CN8AT/14234/23E/21	J28CI/21025/21E/23	ZS1XR/14041/12W/19	6W8HL/21279/22E/20
D4CBC/21297/20C/22	S79WHW/14205/02C/21	ZS3KC/28535/19E/21	7X4MD/21021/19E/20
D4CBC/28620/18E/21	S79MC/21293/19C/22	3B8DA/14035/12C/18	7Z2AP/14221/16E/19
D4CBC/28604/17C/22	TL8CN/21295/22E/18	ZS6ANL/	9G1RF/21308/00C/22
D4CBC/28606/18E/23	TR8IG/14026/00E/19	3D6/28024/13E/21	9G1DJ/28561/15C/19
EC9BV/21026/20E/23	TR8MX/21292/22E/20	5N0FEA/14204/00C/20	9J2BO/14031/14W/20
EL2P/14020/01W/22	TR8IG/21020/20C/23	5N9GM/21270/22E/19	9J2BO/28032/19E/18
EL2AC/28747/13C/18	TU2JJ/14207/21E/22	DJ6SI/	9X5PP/21292/20E/22
EL2AU/28577/16E/20	XT2AW/21020/09E/20	6W8/14025/08W/21	9X5AB/28005/20C/18
FR7AI/G/21285/17E/20	XT2BG/21035/23E/20		
<b>Asia</b>	A9XDA/14208/02E/18	VS6BB/14034/14W/21	9M2HZ/14202/15C/19
AP2FI/14231/12E/21	EP2TY/28750/13E/16	VS6CT/21345/01C/19	9V3UY/14005/12C/19
AP2MC/14231/12E/21	UF6CX/14014/01E/24	VU2BBJ/14223/12C/18	9V1UQ/21345/00E/18
AP2MQ/21295/20E/23	UK7LAJ/14025/01W/21	VU2WTR/21008/19C/20	
A51PN/28575/00C/19	UH8HCN/28050/14E/18	VU2WTR/21023/21E/23	
A7XE/21025/18E/19	VS6EY/14025/10W/18	4S7EA/14208/12C/19	
<b>Elsewhere</b>	FK8DV/28575/02C/19	WB2SJG/	YJ8NMB/28520/01E/24
C31IQ/21021/19C/20	FM7WG/14019/01W/22	KH2/21027/20C/19	ZF2AA/14018/12E/20
C31IQ/21025/00E/21	FM0FJD/14019/13C/22	KH3AB/14027/05E/23	ZK2BGD/14018/08W/21
WLDV/	FM7AV/28514/22E/22	KH3AB/21370/01E/21	ZK2BGD/14004/09E/24
DU2/14015/13E/19	F08HA/21022/21E/19	LX1BW/28600/18C/19	VE7AAZ/4U/14203/01E/19
DU9RG/14212/13C/19	F08HA/21008/03E/20	M1C/14201/01E/19	(Syria)
KP4KK/	F08EW/21018/04E/21	PJ4CR/14212/03E/24	8P6OH/14230/05W/21
DU2/14017/12W/19	F08HZ/21032/02C/23	TF3YH/21029/20C/18	WB4LRB/
N7ET/	FP0FSZ/21025/22W/17	VP2MKV/14219/03E/22	8R1/14211/02E/20
DU6/14029/13C/20	GD4AM/21025/20C/21	VP2MKU/21026/03W/24	8R1J/21018/22C/18
DULREX/14210/15E/21	HK0BKX/14007/02E/20	VP8AGY/28047/18E/18	9H1EL/21027/19C/20
DU6JM/14007/13W/21	H44RW/14025/13C/19	(Falklands)	
DU6JM/14016/16W/25	J44RW/21025/02C/21	VP8QG/21347/01W/20	
EA6DI/14019/07E/19	J6LSF/28636/19C/19	YB8AEG/14204/12E/22	
FC6ETR/21012/20E/23	KS6DV/14215/10C/21	YB0ACP/14034/15W/25	

One expedition lined up for the CQ WPX Contest the last weekend of May is to the Bahamas by K5IU, N5RM, and KC4XR; they will operate /C6A May 23 to June 2, work-80-10 CW and SSB before and after the 'test and 80-10 during the WPX weekend. QSL to their home callsigns.

VK4NIC/3X is now gone home but not forgotten; Ian is back in Australia awaiting his next assignment, which he believes will be in Canada. Our African desk reports that Ian made a very favorable impression on the authorities in Guinea, opening the door for future operations; PA0FAF expects to be stationed in Guinea this summer and hopes to do some operating.

ZL3AFH/A QSL cards are now in the mails from ZL2HE, who is current with the demand. Operator Warwick is still occasionally found on 20 SSB, mostly above 14300, but is not very active.

DL7FT is currently touring the U.S. and displaying his license to operate in Albania; unfortunately, it is the old license from ten years ago. One of our Austrian correspondents reports that the border between Yugoslavia and Albania is not a very friendly place, and outsiders are presently quite unwelcome in ZA. He also says that, for example, when an Austrian football trainer wanted to watch a German/Albanian game being played in Tirana, the authorities forbade him from flying in, and he was forced to make an eight hour drive by Taxi from Yugoslavia to Albania.

The EA9 Cueta novice net meets at 29.0 MHz almost daily, with a number of EC9 stations usually available. They are, like novices everywhere, very enthusiastic.

Former VK9CCT/Cocos is now VQ9CCT from the Chagos, and is active on 20 SSB; VK9NYG continues calling North Americans around 28540 at 1300UTC or so. He has a strong signal on the East Coast.

There has been international radio activity from China, in 1978. I just finished a book entitled The Last Step, by Rick Ridgeway, about the first successful American assault on "K2," the second highest mountain on earth. K2 is about a thousand feet lower than Everest, and is located on the Pakistan-China (Tibet) border. In fact, one ridge actually defines the border, and the assault team used walkie-talkies to talk from the Tibet side down the hill to their support team on the Pakistan side.

Speaking of the Himalayas, did you know that early assaults on Mt. Everest, which is on the Nepal-China border, were made from the Chinese side (in the 1920's) because at that time Nepal was closed to outsiders but Tibet was open? By the first successful climb in 1953 the situation was reversed and the team had to climb from the Nepalese side.

Does this give anyone besides me ideas? - Ed.



# 1981 ARRL INTERNATIONAL DX CONTEST

## CLAIMED SCORES\*

### PHONE Single Operator

K1KI 2,614,464-2136-408  
K1VTM(K1JX) 2,550,366  
W9ZRX 1,894,023  
N3BB 1,874,628  
W2YV 1,661,184  
N7DF 1,596,762  
VE7BTV 1,395,135  
N2LT 1,329,372  
KD6PY 1,300,320  
K1LL 1,292,820  
N5IH 1,287,540  
N7TT/2 1,272,930  
WB2JG 1,254,510  
W5XZ 1,239,690  
N6BV 1,209,516

### 10M

K1UO 605,694-1711-118  
VE3BMV 565,875  
W0ZV 537,030  
K1TN(AA2Z) 505,644  
W0YK 489,402

### 15M

K7RI(W7WA) 768,795-2395-107  
W7XR 703,080  
VE7IN 502,806

### 20M

K3KG 341,868- 919-124  
W4NL 299,838  
W3YY 246,402  
K9RF(KB9OF) 204,048

### 40M

K7UR 52,632- 408- 43  
AB1A 43,470  
WA4SVO 40,896

### 80M

W1FC(AD8V) 73,947- 157- 68  
WB2FZO(K1EB) 42,525  
W1CF(K8UR) 41,958  
WB2F/4 41,370

### 160M

WB3GCG 720- 16- 15  
K6SE 495

### QRP

N2AA 293,760- 576-170  
N1BVV 274,500  
K3WS 218,592

### Multi-Single

K0HF 3,931,200-3120-420  
K5GA 3,799,656  
W4QAW 3,587,094

### Multi-Multi

W2IV 8,133,420-4790-566  
K1OX 7,574,994  
K2UA 6,925,341  
KX4S 6,639,804  
N5AU 6,534,756

### CW Single Operator

W2PV(N2NT) 2,015,982-2018-333  
K9DX 2,013,306  
K1VTM(K1JX) 1,896,129  
K1BW 1,822,872  
K0RF(W0UA) 1,782,051  
K1AR 1,732,401  
N2LT 1,675,800  
K3LR 1,580,964  
N3BB 1,569,801  
W2RO 1,449,690  
AE2A 1,342,275  
K1DG 1,310,214  
VE3IY 1,304,835

### 10M

W0ZV 265,932-1068- 83  
W4RX 253,206  
N4ZZ 246,636  
N4WW 240,876  
W8WPC 229,272  
W0YK 219,564

### 15M

K1RM 309,858-1201- 86  
K6LL/7 282,492  
K5KU 258,182  
K7RI(W7WA) 253,470

### 20M

K5IY(KA5CHW) 354,795-1085-109  
W8TA 349,056  
K0ZX 239,824  
W3GG 209,808

### 40M

W5UN 164,934- 714- 77  
W5WU 132,066  
W6AM(N6TJ) 126,555  
K7UR 125,532  
K2EK 125,049

### 80M

W1ZM 50,055- 235- 71  
K5UR 34,953  
W1NG 30,504  
AB1A 30,504

### 160M

W8LRL 2664- 37- 24  
N4IN 2139

### QRP

N2AA 445,578- 721-206  
W3EWL 262,584  
AJ7S 167,628  
K3WS 144,072

### Multi-Single

K5RC 3,156,048-2604-404  
W3BGN 2,639,934  
N1TZ 2,282,700  
K1XA 1,891,989

### Multi-Multi

K2UA 6,724,800-4670-480  
W3LPL 6,112,920  
W3FA 6,104,646

## CALENDAR

Solomons	H44RW	By ZL1AMO to May 4
Glorioso	FR7AI/G	Another week; 21280/1700Z
Tunisia	3V8	JA8BMK soon; Issues 83,84
Tokelau	ZM7TT	Still waiting; Issues 83,86
Contest	USSR	"CQ M" May 9-10
Benin	TY	By DJ2BW/DL8DC May 6-13;
Contest	CQ WPX	CW, May 30-31
Leichten.	DALWA/LX	May 23-31
Bahamas	C6A	May 23-Jun. 2; this issue
DEADLINE	TDXB	Country Survey; May 31
Wake Is.	/KH9	By KH6BG Jun. 1; Issue 87
Contest	Phone	All Asia, Jun. 20-21
Vis. Day	W6AM	June 20; details later
Market Reef		Jul. 6, one week; Issue 95
Monaco	3A	Jul. 10-20; details later

THANKS TO...

VELBNN, KA1DS, W4VQ, OE1FF, K5IU, WB2VCI, K6IR, W6OMM, W2KVA/6, N8BKB, WALTIV, SM0AGD, KA2AK, WA8DZS, AF5H, W7YF, W9TKV, W5OSJ, KA3R, KA0E, HPLAC, WA3DVO, K4NV, WD5AAM, WA2SQY, WB8WZS, KB4BU, WA7OBH, W0BW, W4LCL, WA4YZF, W1VV, ZL2HE, W2HAZ, KA1KD, KP4EQF, W2LZX, K8MPF, W4JTL, W8UVZ, WA2PHA

## MADISON ELECTRONICS SPECIALS

Collins KW-1 s/n 10	\$1600
Alpha 374 (3-tube)	\$1600
KWM2/AC Winged	\$ 900
KWM2 Winged	\$ 595
KWS-1	\$ 500
32S1	\$ 350
75S3B	\$ 600
75S3C Round	\$ 800
KWM2A/NB Round	\$1250
30S1 mint	\$2000
302C3 Round mint	\$ 200
75S1/CW mint	\$ 450
32S1/AC mint	\$ 495
FT901D/CW	\$ 800
FT901DM	\$ 900
TS820	\$ 699
TS820S	\$ 799

TS820S demo	\$ 829
IC720A/AC	\$1298
KWM-380	old price
Alpha 76A	\$1585
Alpha 76PA	\$1866
Alpha 374	\$2036
Alpha 78	\$2707
Telrex FOB Houston or drop shipped 10% off list	
TS180S/DFC	\$ 899
R820	\$ 899
TR7/DR7	\$1349

All items guaranteed;  
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1-800-231-3057 6-10 CST MWF

\*Entries received as of 21 April 1981, a few may be missing -----AA2Z/K1WJ/DNTC.